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Kurashiki-shi, Okayama (JP)

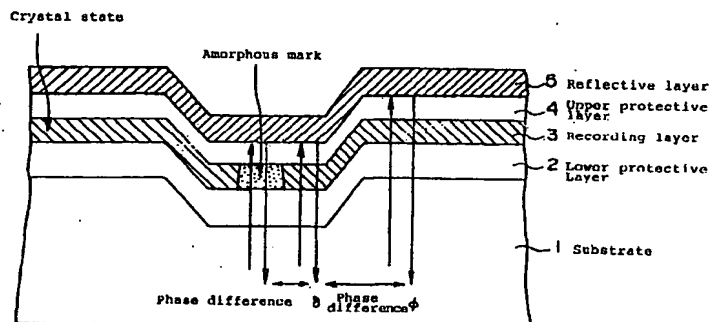
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(54) **Optical information recording medium**

(57) An optical information recording medium for re-
cording, retrieving and erasing mark length-modulated
amorphous marks, which comprises a substrate (1), and
a lower protective layer (2), a phase-change recording
layer (3), an upper protective layer (4) and a reflective
layer (5) having a thickness of from 40 to 300nm and a

volume resistivity of from 20 to 150nΩ·m, formed in this
sequence on the substrate/wherein the reflective layer
(5) has a multilayer structure wherein at least 50% of
the total thickness of the reflective layer is constituted
by at least one layer of a thin metal film having a volume
resistivity of from 20 to 150nΩ·m.

FIGURE 3





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| -The present search report has been drawn up for all claims- | | | |
| Place of search MUNICH | | Date of completion of the search 18 February 2002 | Examiner Poth, H |
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**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
EP 01 11 7394

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1,2,8
"S alternative"
2. Claims: 1,2,8
"Zr alternative"
3. Claims: 1,2,8
"Rh alternative"
4. Claims: 1,2,8
"Group Va alternative"
5. Claims: 1,2,8
"N alternative"
6. Claim : 3
"Recording layer thickness"
7. Claim : 4
"Upper protective layer thickness"
8. Claims: 5-7
"High grade Al alloy"
9. Claims: 5-7
"Al-Au or Ag alloy"
10. Claims: 9,10
"Grooves"
11. Claims: 11-14



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Application Number
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**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
EP 01 11 7394

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

"Parameter combination"



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